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JUL 2 3 2002

TECH CENTER 1600/2900

ENTERED OIPE

```
 4 <110> APPLICANT: Leyland-Jones, Brian
 6 <120> TITLE OF INVENTION: USE OF METABOLIC PHENOTYPING IN
 7        INDIVIDUALIZED TREATMENT WITH AMONAFIDE
10 <130> FILE REFERENCE: 3298.1003-000
12 <140> CURRENT APPLICATION NUMBER: 10/087,996
13 <141> CURRENT FILING DATE: 2002-02-28
15 <150> PRIOR APPLICATION NUMBER: 60/271,714
16 <151> PRIOR FILING DATE: 2001-02-28
18 <160> NUMBER OF SEQ ID NOS: 25
20 <170> SOFTWARE: FastSEQ for Windows Version 4.0
22 <210> SEQ ID NO: 1
23 <211> LENGTH: 20
24 <212> TYPE: DNA
25 <213> ORGANISM: Artificial Sequence
27 <220> FEATURE:
28 <223> OTHER INFORMATION: Primer
30 <400> SEQUENCE: 1
31 gctgggtctg gaagctcctc                                    20
33 <210> SEQ ID NO: 2
34 <211> LENGTH: 22
35 <212> TYPE: DNA
36 <213> ORGANISM: Artificial Sequence
38 <220> FEATURE:
39 <223> OTHER INFORMATION: Primer
41 <400> SEQUENCE: 2
42 ttgggtgata catacacaag gg                                 22
44 <210> SEQ ID NO: 3
45 <211> LENGTH: 21
46 <212> TYPE: DNA
47 <213> ORGANISM: Artificial Sequence
49 <220> FEATURE:
50 <223> OTHER INFORMATION: Primer
52 <400> SEQUENCE: 3
53 tcctagaaga cagcaacgac c                                  21
55 <210> SEQ ID NO: 4
56 <211> LENGTH: 18
57 <212> TYPE: DNA
58 <213> ORGANISM: Artificial Sequence
60 <220> FEATURE:
61 <223> OTHER INFORMATION: Primer
63 <400> SEQUENCE: 4
64 gtgaagccca ccaaacag                                      18
66 <210> SEQ ID NO: 5
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RAW SEQUENCE LISTING   DATE: 07/02/2002
PATENT APPLICATION: US/10/087,996 TIME: 13:55:52

Input Set : A:\3298.1003-000 Sequence Listing.txt
Output Set: N:\CRF3\07022002\J087996.raw

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69 <213> ORGANISM: Artificial Sequence
71 <220> FEATURE:
72 <223> OTHER INFORMATION: Primer
74 <400> SEQUENCE: 5
75 ggccatcttt aaaatacatt tt                                22
77 <210> SEQ ID NO: 6
78 <211> LENGTH: 31
79 <212> TYPE: DNA
80 <213> ORGANISM: Artificial Sequence
82 <220> FEATURE:
83 <223> OTHER INFORMATION: Primer
85 <400> SEQUENCE: 6
86 cctcccttgc tggctgtgtc ccaagctagg c                      31
88 <210> SEQ ID NO: 7
89 <211> LENGTH: 31
90 <212> TYPE: DNA
91 <213> ORGANISM: Artificial Sequence
93 <220> FEATURE:
94 <223> OTHER INFORMATION: Primer
96 <400> SEQUENCE: 7
97 cgccccttcc tttccgccat cctgccccca g                      31
99 <210> SEQ ID NO: 8
100 <211> LENGTH: 20
101 <212> TYPE: DNA
102 <213> ORGANISM: Artificial Sequence
104 <220> FEATURE:
105 <223> OTHER INFORMATION: Primer
107 <400> SEQUENCE: 8
108 gcgtggtatt cagcaacggg                                  20
110 <210> SEQ ID NO: 9
111 <211> LENGTH: 19
112 <212> TYPE: DNA
113 <213> ORGANISM: Artificial Sequence
115 <220> FEATURE:
116 <223> OTHER INFORMATION: Primer
118 <400> SEQUENCE: 9
119 tgccccgtgg aggttgacg                                   19
121 <210> SEQ ID NO: 10
122 <211> LENGTH: 20
123 <212> TYPE: DNA
124 <213> ORGANISM: Artificial Sequence
126 <220> FEATURE:
127 <223> OTHER INFORMATION: Primer
129 <400> SEQUENCE: 10
130 aattacaacc agagcttggc                                  20
132 <210> SEQ ID NO: 11
133 <211> LENGTH: 22
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Output Set: N:\CRF3\07022002\J087996.raw

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135 <213> ORGANISM: Artificial Sequence
137 <220> FEATURE:
138 <223> OTHER INFORMATION: Primer
140 <400> SEQUENCE: 11
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145 <212> TYPE: DNA
146 <213> ORGANISM: Artificial Sequence
148 <220> FEATURE:
149 <223> OTHER INFORMATION: Primer
151 <400> SEQUENCE: 12
152 aacatcagga ttgtaagcac                                 20
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155 <211> LENGTH: 20
156 <212> TYPE: DNA
157 <213> ORGANISM: Artificial Sequence
159 <220> FEATURE:
160 <223> OTHER INFORMATION: Primer
162 <400> SEQUENCE: 13
163 tcagggcttg gtcaatatag                                 20
165 <210> SEQ ID NO: 14
166 <211> LENGTH: 24
167 <212> TYPE: DNA
168 <213> ORGANISM: Artificial Sequence
170 <220> FEATURE:
171 <223> OTHER INFORMATION: Primer
173 <400> SEQUENCE: 14
174 caatggaaag aaatggaagg aggt                            24
176 <210> SEQ ID NO: 15
177 <211> LENGTH: 24
178 <212> TYPE: DNA
179 <213> ORGANISM: Artificial Sequence
181 <220> FEATURE:
182 <223> OTHER INFORMATION: Primer
184 <400> SEQUENCE: 15
185 agaaagtaat actcagacca atcg                            24
187 <210> SEQ ID NO: 16
188 <211> LENGTH: 20
189 <212> TYPE: DNA
190 <213> ORGANISM: Artificial Sequence
192 <220> FEATURE:
193 <223> OTHER INFORMATION: Primer
195 <400> SEQUENCE: 16
196 tgcacgaggt ccagagatgc                                 20
198 <210> SEQ ID NO: 17
199 <211> LENGTH: 27
200 <212> TYPE: DNA
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Input Set : A:\3298.1003-000 Sequence Listing.txt
Output Set: N:\CRF3\07022002\J087996.raw

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203 <220> FEATURE:
204 <223> OTHER INFORMATION: Primer
206 <400> SEQUENCE: 17
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209 <210> SEQ ID NO: 18
210 <211> LENGTH: 22
211 <212> TYPE: DNA
212 <213> ORGANISM: Artificial Sequence
214 <220> FEATURE:
215 <223> OTHER INFORMATION: Primer
217 <400> SEQUENCE: 18
218 ccagaaggct ttgcaggctt ca                                   22
220 <210> SEQ ID NO: 19
221 <211> LENGTH: 22
222 <212> TYPE: DNA
223 <213> ORGANISM: Artificial Sequence
225 <220> FEATURE:
226 <223> OTHER INFORMATION: Primer
228 <400> SEQUENCE: 19
229 actgagccct gggaggtagg ta                                   22
231 <210> SEQ ID NO: 20
232 <211> LENGTH: 23
233 <212> TYPE: DNA
234 <213> ORGANISM: Artificial Sequence
236 <220> FEATURE:
237 <223> OTHER INFORMATION: Primer
239 <400> SEQUENCE: 20
240 ccatttggta gtgaggcagg tat                                  23
242 <210> SEQ ID NO: 21
243 <211> LENGTH: 23
244 <212> TYPE: DNA
245 <213> ORGANISM: Artificial Sequence
247 <220> FEATURE:
248 <223> OTHER INFORMATION: Primer
250 <400> SEQUENCE: 21
251 caccatccat gtttgcttct ggt                                  23
253 <210> SEQ ID NO: 22
254 <211> LENGTH: 18
255 <212> TYPE: DNA
256 <213> ORGANISM: Artificial Sequence
258 <220> FEATURE:
259 <223> OTHER INFORMATION: Primer
261 <400> SEQUENCE: 22
262 cccgtgagcc agtcgagt                                        18
264 <210> SEQ ID NO: 23
265 <211> LENGTH: 18
266 <212> TYPE: DNA
267 <213> ORGANISM: Artificial Sequence
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Input Set : A:\3298.1003-000 Sequence Listing.txt
Output Set: N:\CRF3\07022002\J087996.raw

```
269 <220> FEATURE:
270 <223> OTHER INFORMATION: Primer
272 <400> SEQUENCE: 23
273 atacagaccc tcttccac                                        18
275 <210> SEQ ID NO: 24
276 <211> LENGTH: 21
277 <212> TYPE: DNA
278 <213> ORGANISM: Artificial Sequence
280 <220> FEATURE:
281 <223> OTHER INFORMATION: Primer
283 <400> SEQUENCE: 24
284 agtcgacatg tgatggatcc a                                    21
286 <210> SEQ ID NO: 25
287 <211> LENGTH: 21
288 <212> TYPE: DNA
289 <213> ORGANISM: Artificial Sequence
291 <220> FEATURE:
292 <223> OTHER INFORMATION: Primer
294 <400> SEQUENCE: 25
295 gacagggttt catcatgttg g                                    21
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VERIFICATION SUMMARY
PATENT APPLICATION: **US/10/087,996**

DATE: 07/02/2002
TIME: 13:55:53

Input Set : **A:\3298.1003-000 Sequence Listing.txt**
Output Set: **N:\CRF3\07022002\J087996.raw**